

**REDACTED**

LB888816

United States Environmental Protection Agency  
Region 4



35<sup>TH</sup> AVENUE REMOVAL INVESTIGATION  
BIRMINGHAM, ALABAMA  
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of 1  
Inclusive Dates: 12/11 - 12/12

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		AES, Team Leader
		OTIE

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## **Sampling Procedures and Methodology**

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than ( $\leq$ ) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ( $>$ ) 5,000 square feet and  $\leq \frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over  $\frac{1}{4}$ -acre in parcel lot size will be divided into  $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34<sup>th</sup> Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: H8107  
DATE: 12/11/12 ARRIVAL TIME: 0839

Other pertinent information (weather conditions, etc.):

36° overcast wind NE at 11 mph

PROPERTY COMMENTS:

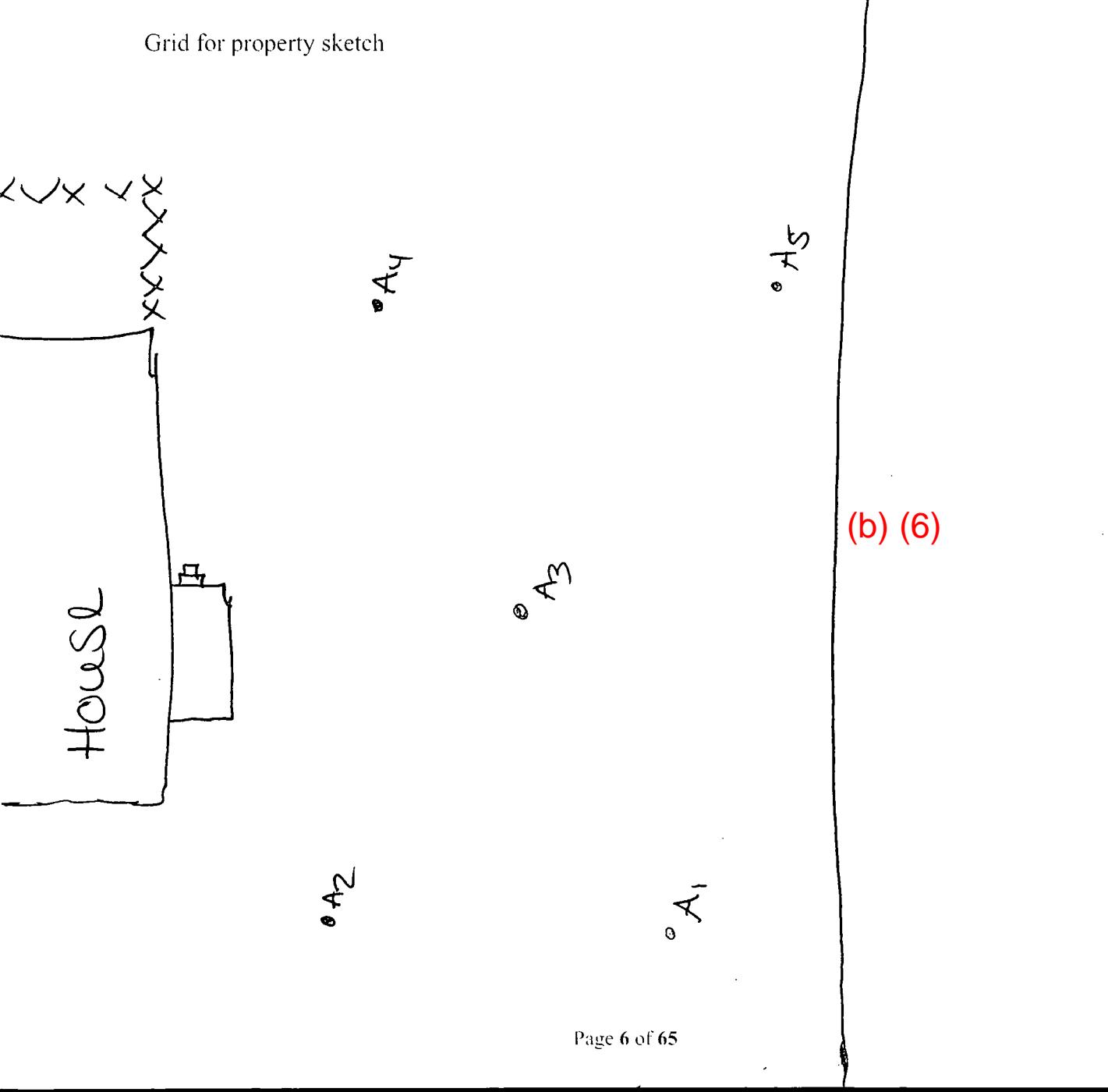
resident home

(b) (6)

with attorney group

present for sampling

Grid for property sketch



STATION ID: HPO107A

SAMPLE ID: HPO107A CS- SP

SAMPLE COLLECTION TIME: 0906

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: HPO107A-

GPS Coordinates: Trimble [  ] Instrument #: 0110144 Logged? Y or N

Aliquot #1: Latitude: 33.56488509 N Longitude 86.79369245 W

Media description: Dark brown silty clay, moist

Aliquot #2: Latitude: 33.56485016 N Longitude 86.79368734 W

Media description: Dark brown black silty clay, moist

Aliquot #3: Latitude: 33.56486784 N Longitude 86.79372287 W

Media description: Dark brown black silty clay, moist

Aliquot #4: Latitude: 33.56485325 N Longitude 86.79375727 W

Media description: Dark brown black silty clay, moist w/ coal fragment s

Aliquot #5: Latitude: 33.56489414 N Longitude 86.79375506 W

Media description: Dark brown black silty clay, moist

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [  ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

(b) (6)

ADDRESS: (5)(5) PROPERTY ID: FLP010

PROPERTY ID: HPO107

DATE: 12/11/12 ARRIVAL TIME: 0839

ARRIVAL TIME: 0839

**Other pertinent information (weather conditions, etc.):**

36° overcast wind NE at 11 mph

**PROPERTY COMMENTS:**

resident home

(b) (6)

present

## ~~\Grid for property sketch~~

8 /

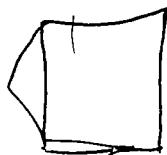
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2

House

5



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STATION ID: HPO107B SAMPLE ID: HPO107B-CS-SP

SAMPLE COLLECTION TIME: 0928

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO107B

GPS Coordinates: Trimble  Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.5648042 N Longitude 86.79366769 W

Media description: Black silty clay w/ coal fragments, moist

Aliquot #2 Latitude: 33.56463131 N Longitude 86.79371193 W

Media description: Brown silty clay moist

Aliquot #3: Latitude: 33.56463131 N Longitude 86.79371193 W

Media description: Black silty clay w/ coal fragments, moist

Aliquot #4: Latitude: 33.56458688 N Longitude 86.79379580 W

Media description: Brown silty clay moist

Aliquot #5: Latitude: 33.56470111 N Longitude 86.79373120 W

Media description: Brown silty clay moist

STATION ID: HPO107C

SAMPLE ID: HPO107C-6S-SP

SAMPLE COLLECTION TIME: 0930

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO107C

GPS Coordinates: Trimble  Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56465574 N Longitude 86.79370871 W

Media description: Black Brown Silty clay w/ thin upper layer of coal

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: HP0262

DATE: 12/11/12 ARRIVAL TIME: 0945

Other pertinent information (weather conditions, etc.):

36° overcast wind NE at 11 mph

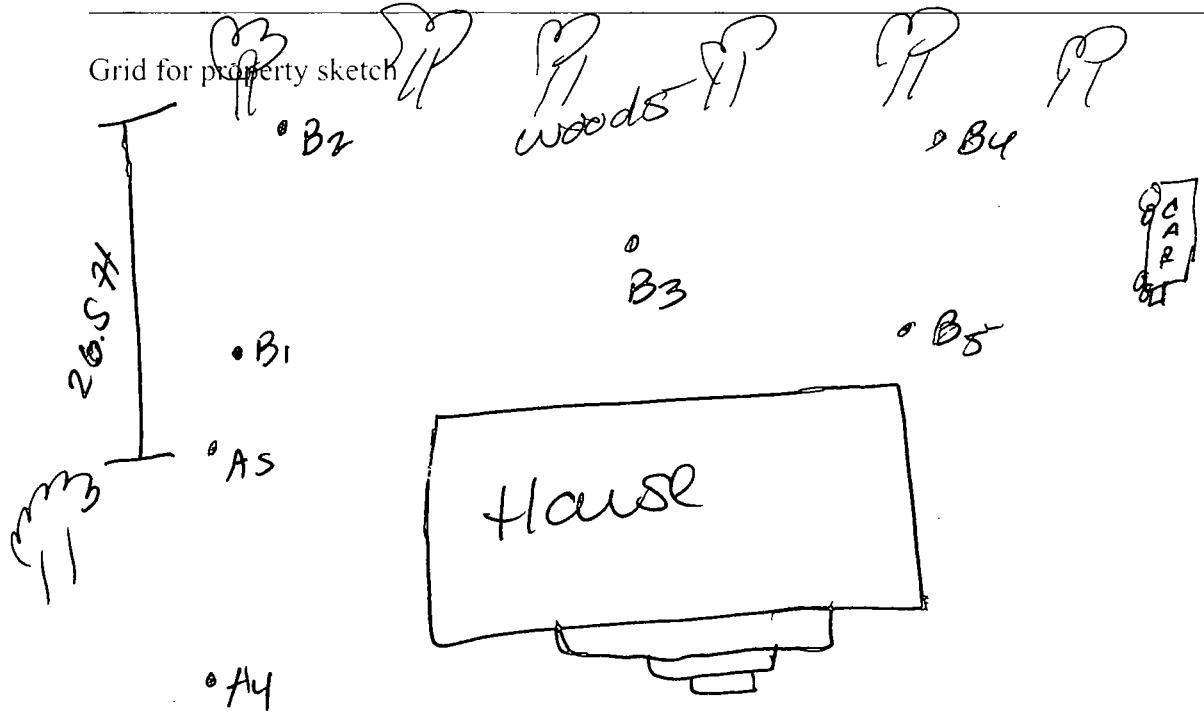
PROPERTY COMMENTS:

Resident home

**(b) (6)**

present

Grid for property sketch



**(b) (6)**

BB 12/11/12  
STATION ID: HPO107 HPO262A SAMPLE ID: HPO262 A-CS-SP  
SAMPLE COLLECTION TIME: 1003

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front & Side yard

Collection: Composite or Grab 12/11/12 MS/MSD? Y or N  
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO262A

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>016144</u>	Logged? <u>Y</u> or <u>N</u>
Aliquot #1:	Latitude:	<u>33.56650487</u>	N Longitude	<u>86.78986999</u> W
	Media description:	<u>gray sandy silt w/ coal fragments, dry</u>		
Aliquot #2:	Latitude:	<u>33.56650495</u>	N Longitude	<u>86.78981584</u> W
	Media description:	<u>orange brown clay w/ coal fragments, dry</u>		
Aliquot #3:	Latitude:	<u>33.56649635</u>	N Longitude	<u>86.78976820</u> W
	Media description:	<u>gray silty sand, dry</u>		
Aliquot #4:	Latitude:	<u>33.56643974</u>	N Longitude	<u>86.78975655</u> W
	Media description:	<u>dark brown silt, dry</u>		
Aliquot #5:	Latitude:	<u>33.56638373</u>	N Longitude	<u>86.78975561</u> W
	Media description:	<u>black silty clay, dry</u>		

HPO262B  
STATION ID: HPO262B SAMPLE ID: HPO262B-CS-SP  
SAMPLE COLLECTION TIME: 1012

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	<u>Composite</u>	or	<u>Grab</u>	MS/MSD? <u>Y</u> or <u>N</u>
Field Duplicate or Split:	<u>Yes</u>	or	<u>No</u>	If yes, indicate Duplicate/split sample station ID: <u>HPO262B</u>
GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>016144</u>	Logged? <u>Y</u> or <u>N</u>
Aliquot #1:	Latitude:	<u>33.56633104</u>	N Longitude	<u>86.78976960</u> W
	Media description:	<u>Dark brown silty clay, dry</u>		
Aliquot #2:	Latitude:	<u>33.56628399</u>	N Longitude	<u>86.78977446</u> W
	Media description:	<u>Dark brown silty clay, dry</u>		
Aliquot #3:	Latitude:	<u>33.56631174</u>	N Longitude	<u>86.78982967</u> W
	Media description:	<u>Dark brown silty clay, dry</u>		
Aliquot #4:	Latitude:	<u>33.56629996</u>	N Longitude	<u>86.789860675</u> W
	Media description:	<u>Dark brown silty clay, dry</u>		
Aliquot #5:	Latitude:	<u>33.56634374</u>	N Longitude	<u>86.78986165</u> W
	Media description:	<u>dark brown silty clay, dry w/ coal fragments</u>		

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: HPO128

DATE: 12/11/12 ARRIVAL TIME: 18:02

Other pertinent information (weather conditions, etc.):

38°F Cloudy Windy

PROPERTY COMMENTS:

Resident house

(b) (6)

present for

attorney group

Grid for property sketch



STATION ID: HPO128A

SAMPLE ID: HPO128A-CS-SP

SAMPLE COLLECTION TIME: 1220 03 12/11/12 1231

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO128A

GPS Coordinates: Trimble [✓] Instrument #: 0160144 Logged?  or N

Aliquot #1: Latitude: 33.56487939 N Longitude 86.79138428 W

Media description: Dark brown Silty clay dry

Aliquot #2: Latitude: 33.56489022 N Longitude 86.79142466 W

Media description: Dark Brown Silty clay, dry w/ small coal fragments & brick

Aliquot #3: Latitude: 33.56490871 N Longitude 86.79144261 W

Media description: Dark brown silty clay, dry w/ large coal fragments

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: HPO128B

SAMPLE ID: HPO128B-CS-SP

SAMPLE COLLECTION TIME: 1220

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO128B

GPS Coordinates: Trimble [✓] Instrument #: \_\_\_\_\_ Logged?  or N

Aliquot #1: Latitude: 33.56508433 N Longitude 86.79142295 W

Media description: Dark brown to black Silty dry clay 081211/12

Aliquot #2: Latitude: 33.56512982 N Longitude 86.79139851 W

Media description: Dark brown to black Silty dry clay 081211/12 w/ gravel

Aliquot #3: Latitude: 33.56519780 N Longitude 86.79141504 W

Media description: Dark brown to black silty dry at 081211/12

Aliquot #4: Latitude: 33.56523205 N Longitude 86.79142062 W

Media description: Brown orange Clay w/ coal and gravel dry

Aliquot #5: Latitude: 33.56508119 N Longitude 86.79137948 W

Media description: Dark brown to black Silty dry

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: HP0103

DATE: 12/11/12 ARRIVAL TIME: 1250

Other pertinent information (weather conditions, etc.):

38°F cloudy windy

PROPERTY COMMENTS:

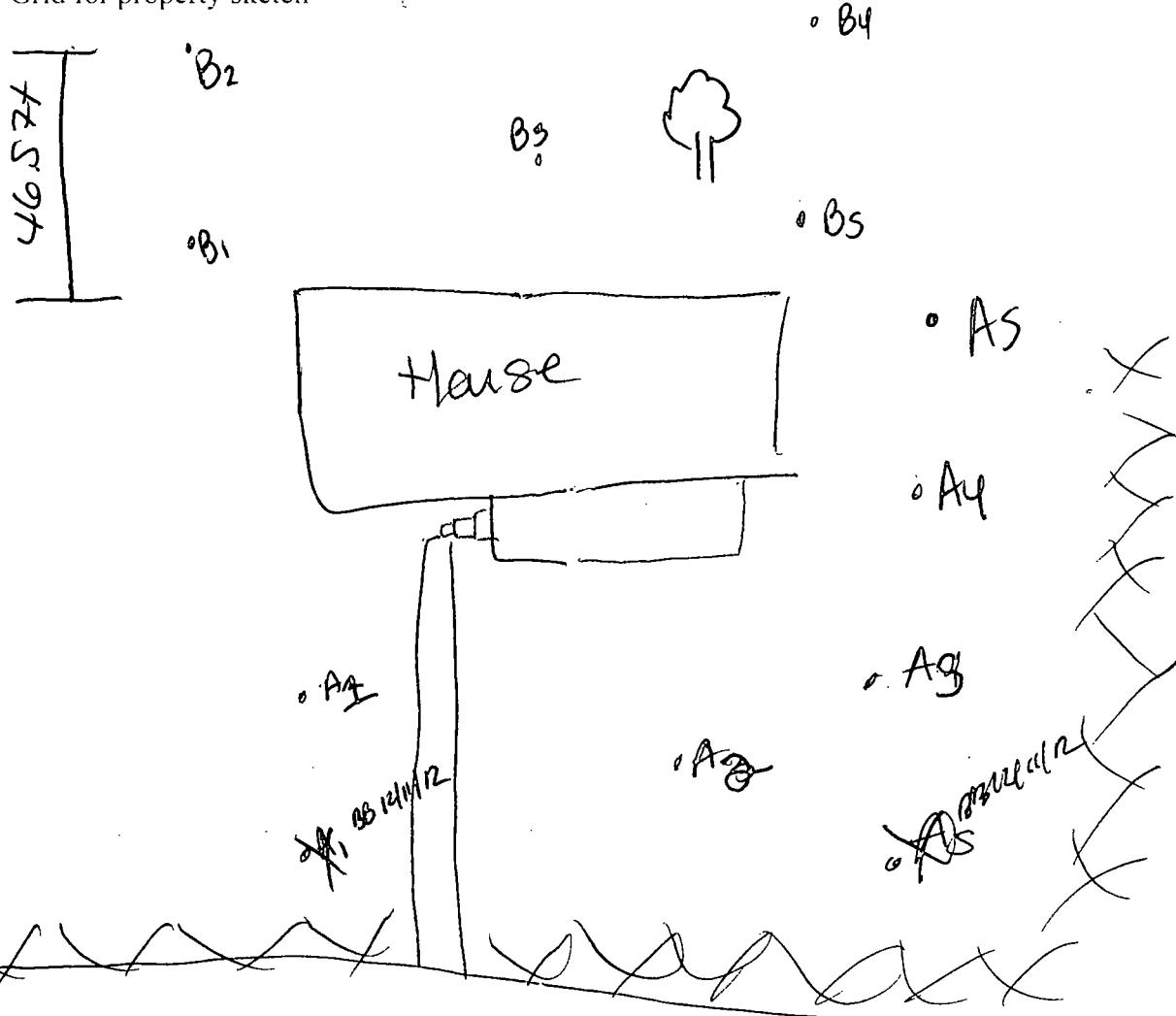
Resident house

(b) (6)

present

\* Jeff Crowley (OSC)

Grid for property sketch



(b) (6)

STATION ID: HP0103A SAMPLE ID: HP0103A-CS-SP

SAMPLE COLLECTION TIME: 1315

Description of sample location (front, back, side yard) vegetable garden; play set; ditch, etc):

Front & side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0103A

GPS Coordinates: Trimble [✓] Instrument #: 010144 Logged? Y or N

Aliquot #1: Latitude: 33.56485294 N Longitude 86.79392383 W

Media description: Dark brown silty clay dry

Aliquot #2 Latitude: 33.56485626 N Longitude 86.79398493 W

Media description: Dark brown silty clay dry

Aliquot #3: Latitude: 33.56483452 N Longitude 86.79403800 W

Media description: Dark brown silty clay dry w/ coal fragments

Aliquot #4: Latitude: 33.56477937 N Longitude 86.79404346 W

Media description: Dark brown silty clay dry w/ coal fragments

Aliquot #5: Latitude: 33.56474125 N Longitude 86.79404723 W

Media description: Dark brown silty clay dry w/ coal fragments

STATION ID: HP0103B SAMPLE ID: HP0103B-CS-SP

SAMPLE COLLECTION TIME: 1316

Description of sample location (front, back, side yard) vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0103B

GPS Coordinates: Trimble [✓] Instrument #: 010144 Logged? Y or N

Aliquot #1: Latitude: 33.56467828 N Longitude 86.79398721 W

Media description: Dark brown silty clay, dry

Aliquot #2 Latitude: 33.56456773 N Longitude 86.79394307 W

Media description: Dark brown silty clay, dry

Aliquot #3: Latitude: 33.56463759 N Longitude 86.79399087 W

Media description: Dark brown silty clay, dry

Aliquot #4: Latitude: 33.56455978 N Longitude 86.79404182 W

Media description: Dark brown silty clay, dry

Aliquot #5: Latitude: 33.56468641 N Longitude 86.79404283 W

Media description: Dark brown silty clay dry

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: HPO141

DATE: 12/11/12 ARRIVAL TIME: 1329

Other pertinent information (weather conditions, etc.):

39°F cloudy, Windy

PROPERTY COMMENTS:

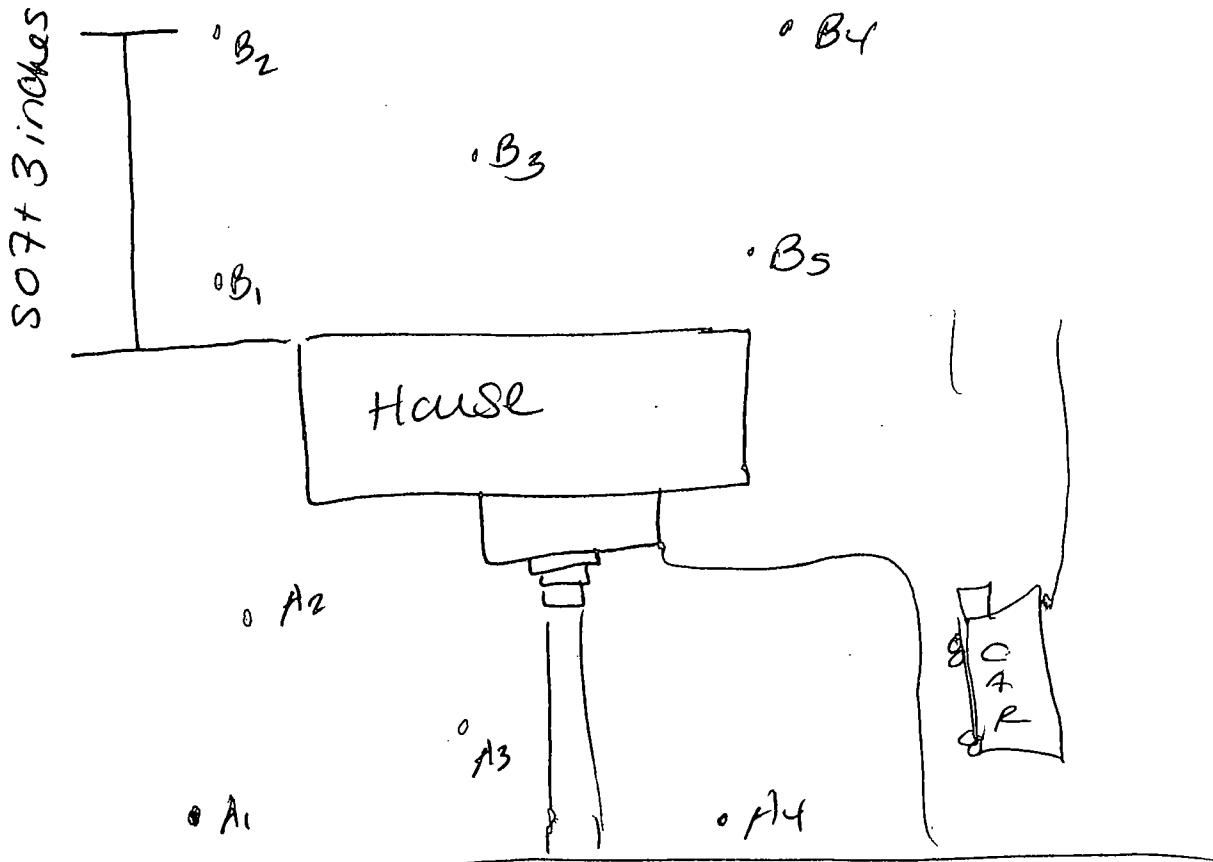
Resident Home

**(b) (6)**

Jeff Crawley present (ASC)

present

Grid for property sketch



**(b) (6)**

STATION ID: HP0141ASAMPLE ID: HP0141A-CS-SPSAMPLE COLLECTION TIME: 1342

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0141AGPS Coordinates: Trimble  Instrument #: 016144Logged? Y or NAliquot #1: Latitude: 33.56486328 N Longitude 86.79054248 WMedia description: Dark brown silty clay dryAliquot #2 Latitude: 33.56489504 N Longitude 86.79053240 WMedia description: Dark brown silty clay dryAliquot #3: Latitude: 33.56487185 N Longitude 86.79050454 WMedia description: Dark brown silty clay dryAliquot #4: Latitude: 33.56484893 N Longitude 86.79046956 WMedia description: Dark brown silty clay dry

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: HP0141BSAMPLE ID: HP0141B-CS-SPSAMPLE COLLECTION TIME: 1353

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0141BGPS Coordinates: Trimble  Instrument #: 016144 Logged? Y or NAliquot #1: Latitude: 33.56503581 N Longitude 86.79052296 WMedia description: Dark brown silty clay dryAliquot #2 Latitude: 33.56512793 N Longitude 86.79051203 WMedia description: Tan orange clay w/ coal fragments dryAliquot #3: Latitude: 33.56508205 N Longitude 86.79048375 WMedia description: Dark brown silty clay dryAliquot #4: Latitude: 33.56512038 N Longitude 86.79045240 WMedia description: Tan orange clay w/ coal fragments dryAliquot #5: Latitude: 33.56504623 N Longitude 86.79045471 WMedia description: Black silt w/ coal fragments

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: HPO195

DATE: 12/11/12 ARRIVAL TIME: 1437

Other pertinent information (weather conditions, etc.):

40°F Partly Cloudy

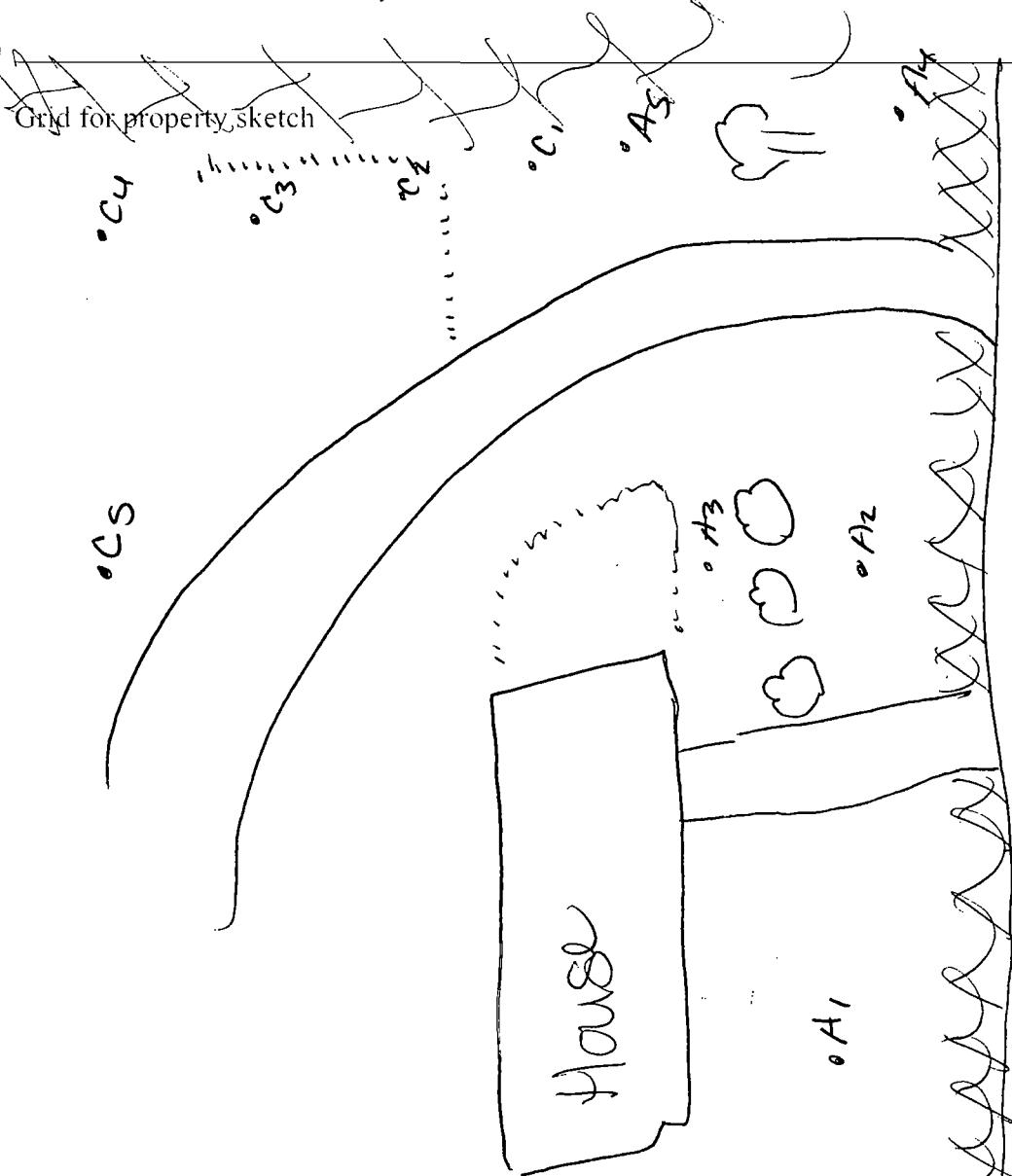
PROPERTY COMMENTS:

Resident Home

**(b) (6)**

A

Jeff Crowley present



STATION ID: HPO19SA

SAMPLE ID: HPO19SA-CS-SP

SAMPLE COLLECTION TIME: 1450

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO19SA

GPS Coordinates: Trimble [✓] Instrument #: 016144 Logged? Y or N 03/21/11/12  
Aliquot #1: Latitude: 33.56418793 N Longitude 86.79138428 W  
Media description: Brown Silty clay dry  
Aliquot #2 Latitude: 33.56419022 N Longitude 86.79142466 W  
Media description: Brown Silty clay dry  
Aliquot #3: Latitude: 33.56419087 N Longitude 86.79148103 W  
Media description: Gray sandy silt gravel w/ coal fragments  
Aliquot #4: Latitude: 33.56564531 N Longitude 86.79158481 W  
Media description: Gray sandy silt gravel w/ coal fragments  
Aliquot #5: Latitude: 33.56559535 N Longitude 86.7915857 W  
Media description: Gray sandy Silt gravel

STATION ID: HPO19SC

SAMPLE ID: HPO19SC-CS-SP

SAMPLE COLLECTION TIME: 1509

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO19SC

GPS Coordinates: Trimble [✓] Instrument #: 016144 Logged? Y or N  
Aliquot #1: Latitude: 33.56554496 N Longitude 86.79157860 W  
Media description: Dark brown silt dry w/ gravel  
Aliquot #2 Latitude: 33.56549835 N Longitude 86.79158160 W  
Media description: Dark brown silt dry w/ gravel  
Aliquot #3: Latitude: 33.56545536 N Longitude 86.79157387 W  
Media description: Black silt w/ gravel and coal dry  
Aliquot #4: Latitude: 33.56539319 N Longitude 86.79156110 W  
Media description: Black silt w/ gravel and coal dry  
Aliquot #5: Latitude: 33.56539320 N Longitude 86.79150912 W  
Media description: Tan/orange clay dry

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: HPO195

DATE: 12/11/12 ARRIVAL TIME: 1437

Other pertinent information (weather conditions, etc.):

40°F Partly Cloudy

PROPERTY COMMENTS:

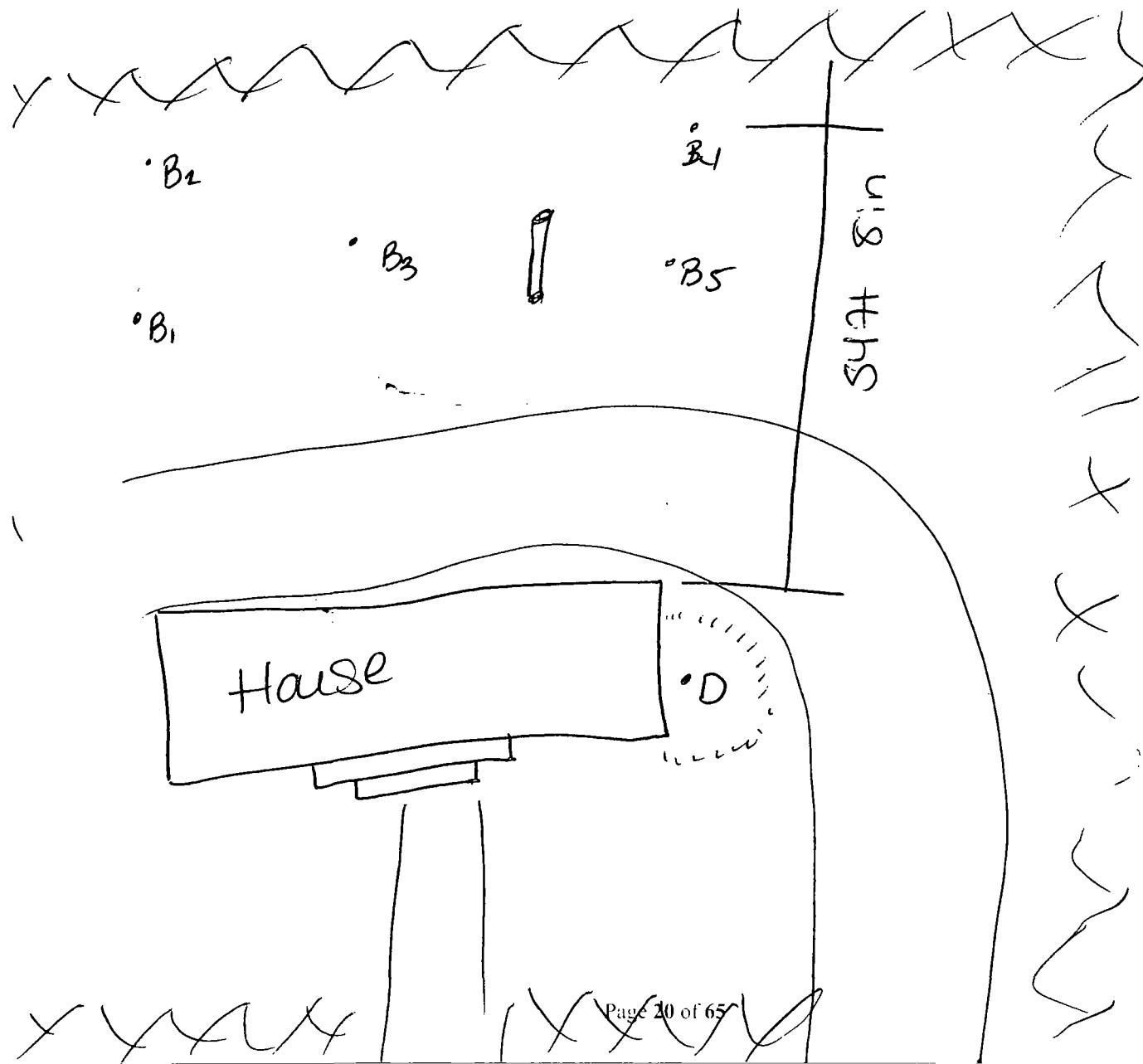
Resident Home

(b) (6)

\*

Jeff Crowley present

Grid for property sketch



STATION ID: HP0195B

SAMPLE ID: HP0195B-CS-SP

SAMPLE COLLECTION TIME: 1519

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0195B

GPS Coordinates: Trimble [✓] Instrument #: 016144

Logged? Y or N

Aliquot #1: Latitude: 33.56543764 N Longitude 86.79139490 W

Media description: Brown silty clay dry

Aliquot #2 Latitude: 33.56537422 N Longitude 86.79140046 W

Media description: Tan orange stiff clay w/ gravel dry

Aliquot #3: Latitude: 33.56541231 N Longitude 86.79141663 W

Media description: Tan orange stiff clay w/ gravel dry

Aliquot #4: Latitude: 33.56538473 N Longitude 86.79147761 W

Media description: Tan orange stiff clay w/ gravel dry

Aliquot #5: Latitude: 33.56542690 N Longitude 86.79147080 W

Media description: Tan orange stiff clay w/ gravel dry

STATION ID: HP0195D

SAMPLE ID: HP0195D-GS

SAMPLE COLLECTION TIME: 1527

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 016144

Logged? Y or N

Aliquot #1: Latitude: 33.56558402 N Longitude 86.79147638 W

Media description: Dark brown silty sandy w/ gravel dry

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

**(b) (6)**

ADDRESS:

PROPERTY ID: CV0446

DATE: 12/12/12

ARRIVAL TIME: 0835

Other pertinent information (weather conditions, etc.):

35°F Partly Cloudy wind NNE at 3mph

PROPERTY COMMENTS:

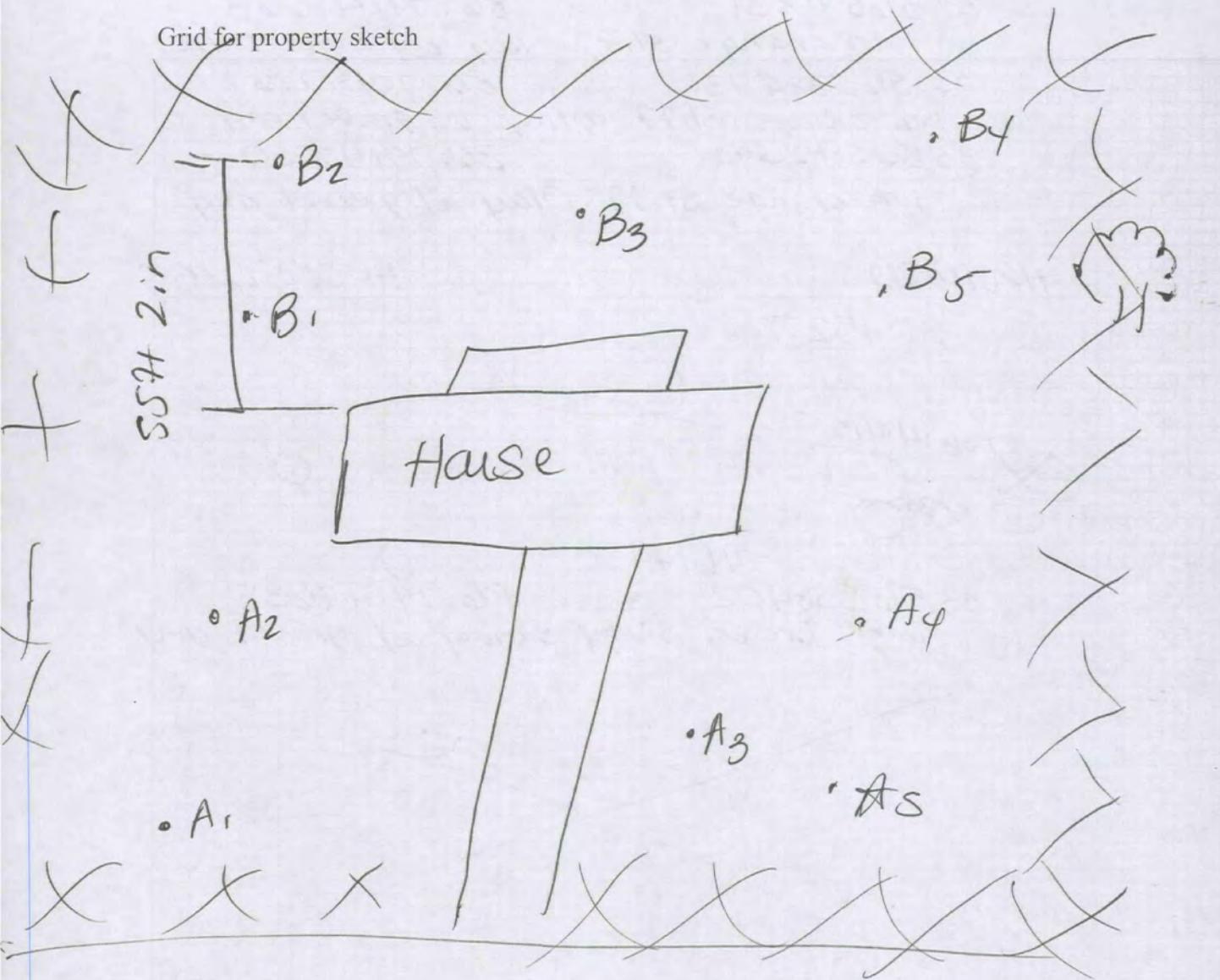
Resident home

**(b) (6)**

is present with the

attorney group

Grid for property sketch



STATION ID: CV0446A

SAMPLE ID: CV0446A-CS-SP

SAMPLE COLLECTION TIME: 0854

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0446A

GPS Coordinates: Trimble [✓] Instrument #: 016144 Logged? Y or N  
Aliquot #1: Latitude: 33.55489457 N Longitude 86.80063238 W  
Media description: orange brown clay w/ gravel dry  
Aliquot #2: Latitude: 33.55488741 N Longitude 86.80065798 W  
Media description: dark silt w/ local fragments dry  
Aliquot #3: Latitude: 33.55492627 N Longitude 86.80064756 W  
Media description: dark brown silty clay w/ gravel dry  
Aliquot #4: Latitude: 33.55496445 N Longitude 86.80066365 W  
Media description: dark brown silty clay w/ gravel dry  
Aliquot #5: Latitude: 33.5549198681 N Longitude 86.80063708 W  
Media description: dark brown silty clay w/ gravel dry

STATION ID: CV0446B

SAMPLE ID: CV0446B-CV-SP

SAMPLE COLLECTION TIME: 0903

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0446B

GPS Coordinates: Trimble [✓] Instrument #: 016144 Logged? Y or N  
Aliquot #1: Latitude: 33.55491133 N Longitude 86.80093064 W  
Media description: dark brown silty clay dry  
Aliquot #2: Latitude: 33.55490804 N Longitude 86.80103313 W  
Media description: black silty clay dry  
Aliquot #3: Latitude: 33.55494058 N Longitude 86.80097958 W  
Media description: black silty clay dry w/ gravel  
Aliquot #4: Latitude: 33.55498129 N Longitude 86.80164057 W  
Media description: black silty clay dry w/ gravel  
Aliquot #5: Latitude: 33.55497744 N Longitude 86.80092573 W  
Media description: black silty clay dry w/ gravel

(b) (6)

(b) (6)

ADDR

12/12/12

BB 12/12/12

PROPERTY ID:

EVOTO9

HPO306

DATE:

ARRIVAL TIME:

0935

Other pertinent information (weather conditions, etc.):

35°F Partly Cloudy

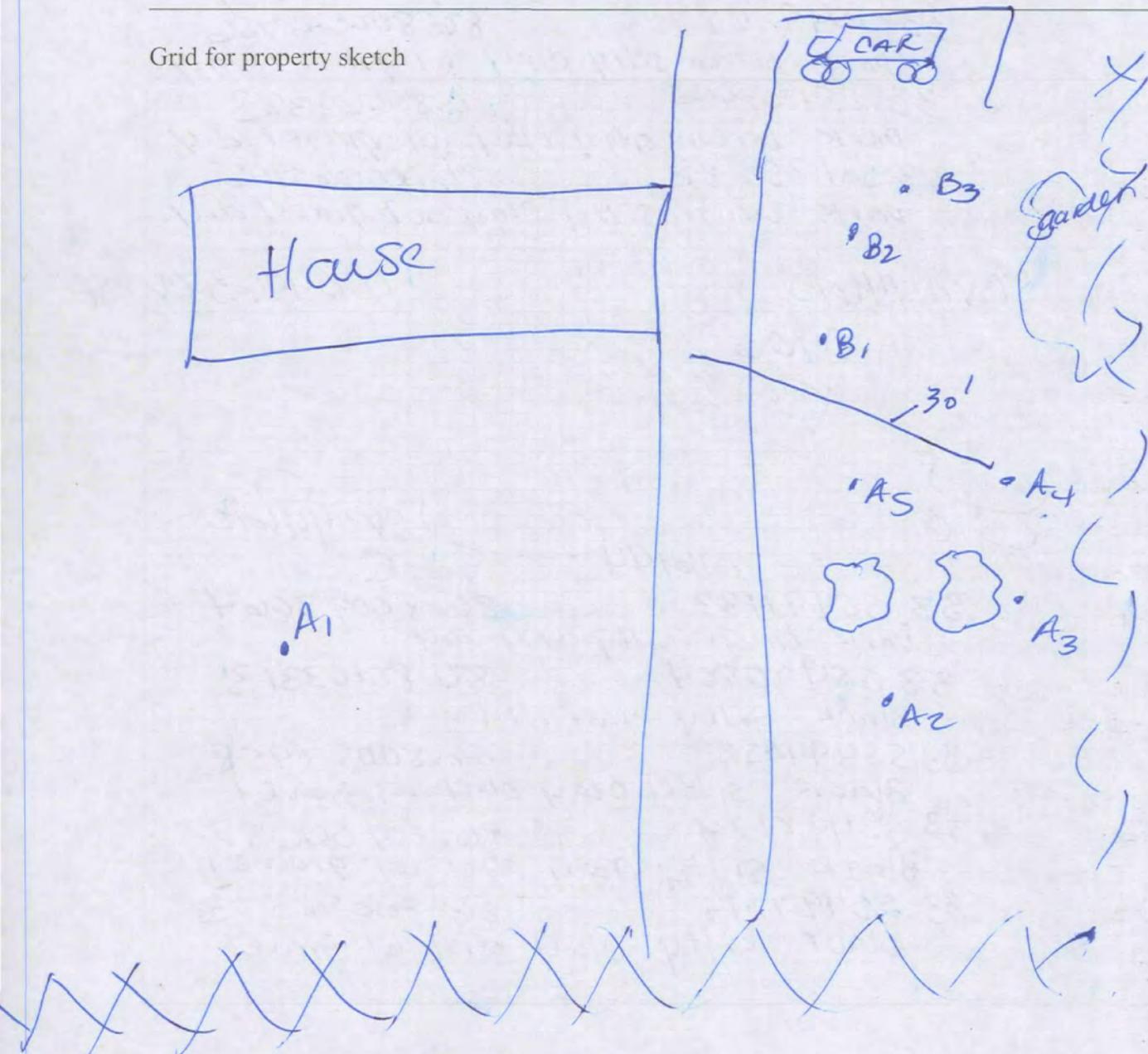
PROPERTY COMMENTS:

Resident home

(b) (6)

present

Grid for property sketch



HP0306A

HP0306A-CS-SP

STATION ID: EV0109 <sup>BB 12/12/12</sup>

SAMPLE ID: EV0109 <sup>BB 12/12/12</sup>

SAMPLE COLLECTION TIME: 1024

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front / Side Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0306A

GPS Coordinates: Trimble [  ] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.54484015 N Longitude 86.79421898 W

Media description: Dark brown silty clay moist to wet

Aliquot #2 Latitude: 33.54480453 N Longitude 86.79429965 W

Media description: Dark brown silty clay moist to wet

Aliquot #3: Latitude: 33.54474913 N Longitude 86.79432852 W

Media description: Dark brown silty clay moist to wet

Aliquot #4: Latitude: 33.54470317 N Longitude 86.79432137 W

Media description: Dark brown silty clay moist to wet

Aliquot #5: Latitude: 33.54472719 N Longitude 86.794246674 W

Media description: Dark brown silty clay moist to wet

STATION ID: HP0306B

SAMPLE ID: HP0306B-CS-SP

SAMPLE COLLECTION TIME: 1013

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0306B

GPS Coordinates: Trimble [  ] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.54469146 N Longitude 86.79424008 W

Media description: Dark brown clay wet

Aliquot #2 Latitude: 33.54465932 N Longitude 86.79424084 W

Media description: Dark brown clay wet

Aliquot #3: Latitude: 33.54463474 N Longitude 86.79421344 W

Media description: Dark brown clay wet

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: \_\_\_\_\_

DATE: 12/12/12

ARRIVAL TIME: 0935

Other pertinent information (weather conditions, etc.):

36°F sunny

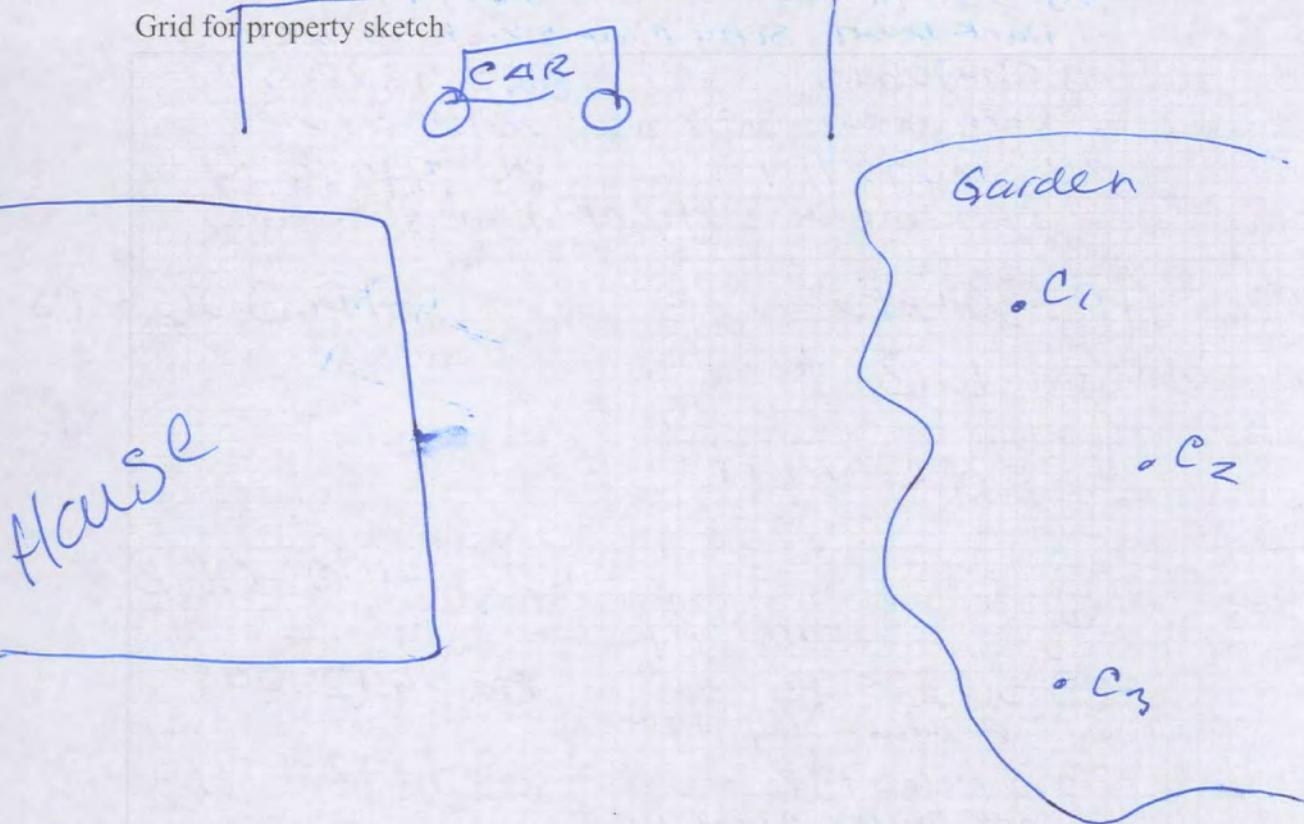
PROPERTY COMMENTS:

Resident Home

(b) (6)

Jeff Crawley present

Grid for property sketch



CS-SP

STATION ID: HPO306CSAMPLE ID: HPO306C-G5  
BBSAMPLE COLLECTION TIME: 1004

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO306CGPS Coordinates: Trimble [  ] Instrument #: 016144 Logged? Y or NAliquot #1: Latitude: 33.54664492 N Longitude 86.79428024 WMedia description: Dark brown Sandy clay w/ gravel, very wetAliquot #2 Latitude: 33.54664851 N Longitude 86.79430799 WMedia description: Dark brown Sandy clay w/ gravel, very wetAliquot #3: Latitude: 33.54667215 N Longitude 86.79431644 WMedia description: Dark brown Sandy clay w/ gravel, very wet

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: \_\_\_\_\_ SAMPLE ID: HPO306D-G5  
BB 12/12/12

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [  ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

(b) (6)

ADDRESS:

HP0019

DATE: 12/12/12

ARRIVAL TIME: 1037

Other pertinent information (weather conditions, etc.):

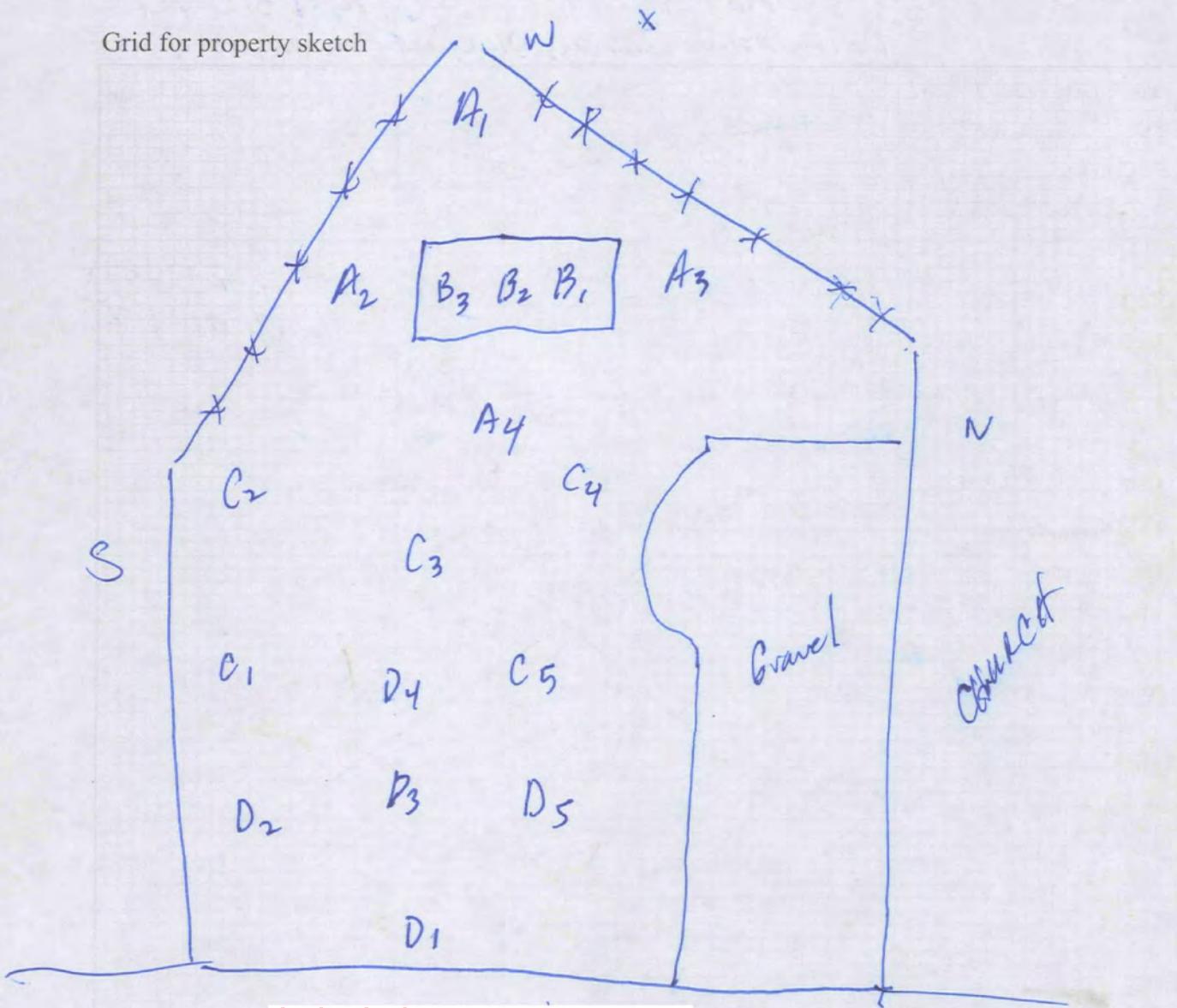
50°F Fair

PROPERTY COMMENTS:

Residential property w/ no structures

Next door neighbor (b) (6)  
uses area for garden

Grid for property sketch



(b) (6)

STATION ID: HPOOMA  
SAMPLE COLLECTION TIME: 1101

SAMPLE ID: #P0019A-CS

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

west end of property

Collection: Composite or Grab

MS/MSD? Y or N

**Field Duplicate or Split:** Yes or No. If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [✓] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.5443708 N Longitude 86.79420851 W  
Media description: Dark brown silty clay moist

Aliquot #2 Latitude: 33.54434094 N Longitude 86.79410587 W  
Media description: Dark brown silty clay moist

Aliquot #3: Latitude: 33.544644748 N Longitude 86.79412145 W  
Media description: Dark brown silty clay w/ gravel dry

Aliquot #4: Latitude: 33.544391587 N Longitude 86.79404909 W  
Media description: Dark brown & tan clay moist

Aliquot #5: Latitude: ~~33.544391587~~ N Longitude ~~86.79404909~~ W  
Media description: ~~Dark brown & tan clay moist~~

STATION ID: HPO019B

SAMPLE ID: HP0019B-CS

SAMPLE COLLECTION TIME: 1105

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

garden on west end of property

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble ✓ Instrument #: a6144 Logged? Y or N

Aliquot #1: Latitude: 33.86441995 N Longitude 86.79411852 W  
Media description: Dark Brown silty clay moist

Aliquot #2 Latitude: 33.86440494 N Longitude 86.79411576 W  
Media description: Dark brown silty clay moist

Aliquot #3: Latitude: 33.86438476 N Longitude 86.79411738 W  
Media description: Dark brown silty clay moist

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W  
Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W  
Media description: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Grid for property sketch  
\_\_\_\_\_

BB 12/12/12

See page 28

STATION ID: HPO019C

SAMPLE ID: HPO019C-CS

SAMPLE COLLECTION TIME: 112

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

South end of property

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble  Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56633190 N Longitude 86.79378087 W

Media description: tan orange clay w/ black streaking dry

Aliquot #2 Latitude: 33.56632681 N Longitude 86.79391609 W

Media description: tan orange clay w/ black streaking dry

Aliquot #3: Latitude: 33.56636409 N Longitude 86.79383853 W

Media description: tan orange clay w/ black streaking dry

Aliquot #4: Latitude: 33.56639588 N Longitude 86.79391520 W

Media description: tan orange clay w/ black streaking dry

Aliquot #5: Latitude: 33.56641388 N Longitude 86.79377049 W

Media description: dark brown silty clay dry

STATION ID: HPO019D

SAMPLE ID: HPO019D-CS

SAMPLE COLLECTION TIME: 1123

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

east end of the property

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble  Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56636911 N Longitude 86.79362824 W

Media description: Dark brown silty clay dry

Aliquot #2 Latitude: 33.56632801 N Longitude 86.79367908 W

Media description: Dark brown silty clay dry

Aliquot #3: Latitude: 33.56636801 N Longitude 86.79367413 W

Media description: orange brown clay w/ coal fragments dry

Aliquot #4: Latitude: 33.56636780 N Longitude 86.79372976 W

Media description: orange brown clay w/ Dark brown silty clay dry

Aliquot #5: Latitude: 33.56643165 N Longitude 86.79367600 W

Media description: Dark brown sandy silt w/ gravel dry

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: H0294

DATE: 12/12/12 ARRIVAL TIME: 1254

Other pertinent information (weather conditions, etc.):

55°F Fair mild breeze

PROPERTY COMMENTS:

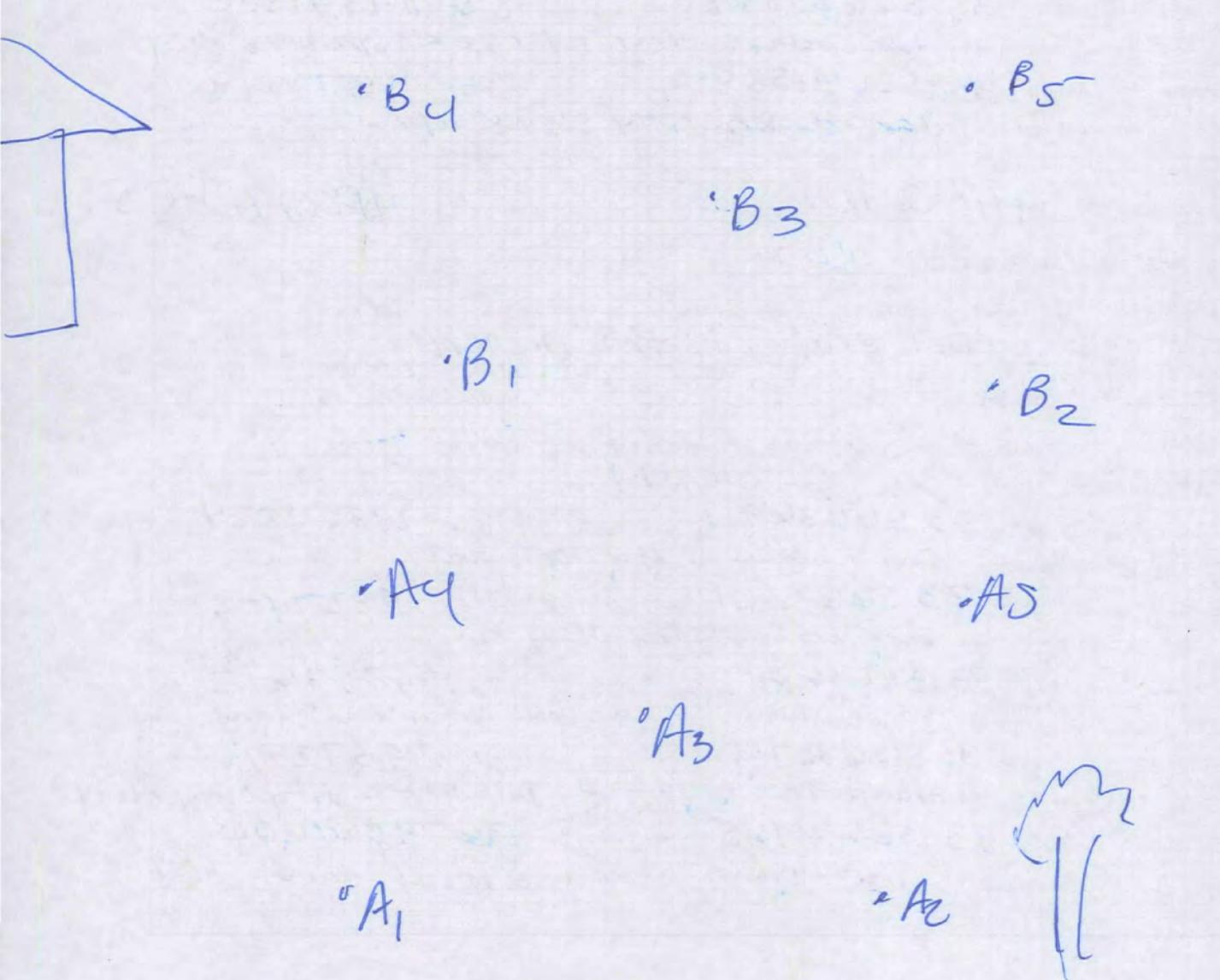
Lot (vacant, undeveloped)

**(b) (6)**

present

Teff Crowley present

Grid for property sketch



STATION ID: HP0294A

SAMPLE ID: HP0294A-CS-SP

SAMPLE COLLECTION TIME: 1312

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

HP0294A

GPS Coordinates: Trimble  Instrument #: 018595 Logged?  or N

Aliquot #1: Latitude: 33.56582980 N Longitude 86.79601076 W

Media description: Dark brown black silty clay moist

Aliquot #2: Latitude: 33.56576937 N Longitude 86.79608353 W

Media description: Dark brown black silty clay moist

Aliquot #3: Latitude: 33.565781773 N Longitude 86.79596886 W

Media description: Dark brown black silty clay moist

Aliquot #4: Latitude: 33.56578140 N Longitude 86.79587603 W

Media description: Dark brown black silty clay w/ coal fragments moist

Aliquot #5: Latitude: 33.56569615 N Longitude 86.79593409 W

Media description: Dark brown black silty clay moist

STATION ID: HP0294B

SAMPLE ID: HP0294B-CS-SP

SAMPLE COLLECTION TIME: 1304

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

HP0294B

GPS Coordinates: Trimble  Instrument #: 018595 Logged?  or N

Aliquot #1: Latitude: 33.56571254 N Longitude 86.79579835 W

Media description: dk brn/blk silty clay moist w/ gravel

Aliquot #2: Latitude: 33.56564859 N Longitude 86.79588898 W

Media description: Same as above

Aliquot #3: Latitude: 33.56564362 N Longitude 86.79575315 W

Media description: Same as above

Aliquot #4: Latitude: 33.56565391 N Longitude 86.79567500 W

Media description: Same as above

Aliquot #5: Latitude: 33.56560214 N Longitude 86.79571969 W

Media description: Same as above

**(b) (6)**

ADDRESS

PROPERTY ID: HPO179

DATE: 12/12/12

ARRIVAL TIME: 1333

Other pertinent information (weather conditions, etc.):

50°F Sunny

PROPERTY COMMENTS:

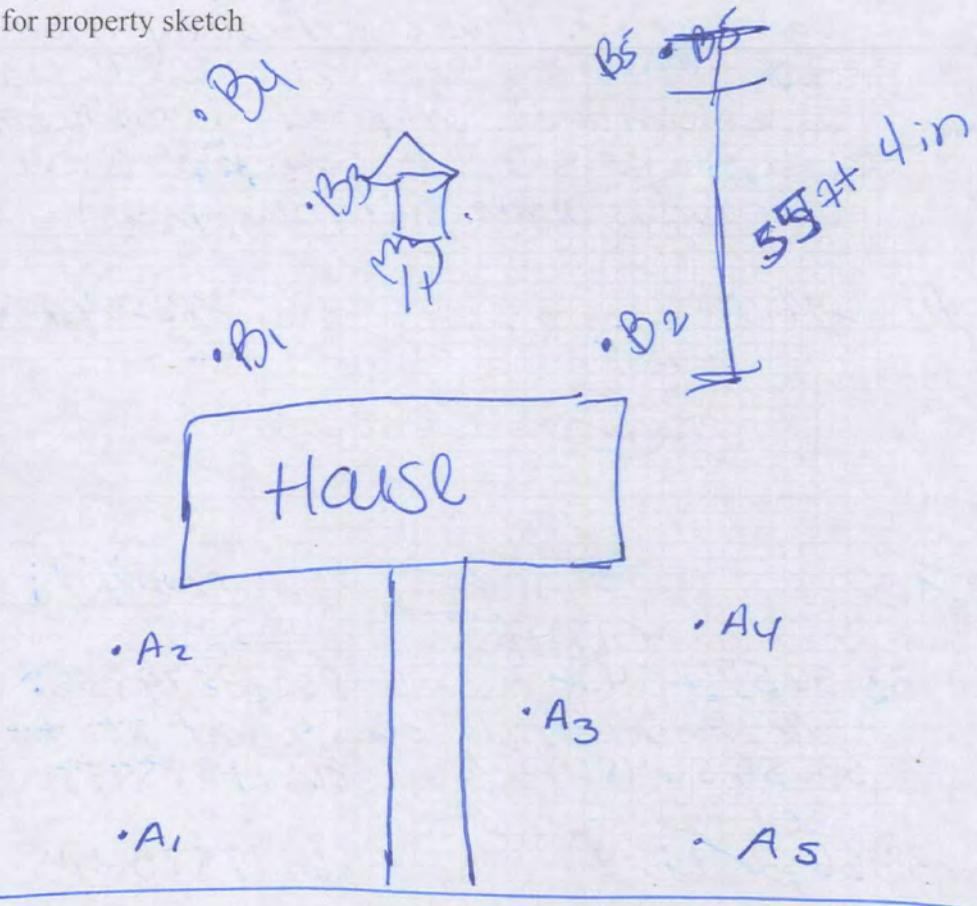
Resident home

**(b) (6)**

present

Jeff Cranley present

Grid for property sketch



**(b) (6)**

STATION ID: HP0179ASAMPLE ID: HP0179A-CS-SPSAMPLE COLLECTION TIME: 1342

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0179GPS Coordinates: Trimble [✓] Instrument #: 018595 Logged? Y or NAliquot #1: Latitude: 33.54586813 N Longitude 86.79274867 WMedia description: Dark brown Silty clay w/ gravel dryAliquot #2 Latitude: 33.54590443 N Longitude 86.79274713 WMedia description: Dark brown Silty clay w/ gravel dryAliquot #3: Latitude: 33.56588014 N Longitude 86.79269859 WMedia description: Dark brown Silty clay w/ gravel dryAliquot #4: Latitude: 33.54590464 N Longitude 86.79265909 WMedia description: Dark brown Silty clay w/ gravel dryAliquot #5: Latitude: 33.54586892 N Longitude 86.79266122 WMedia description: Black Silty clay w/ local fragments moistSTATION ID: HP0179BSAMPLE ID: HP0179B-CS-SPSAMPLE COLLECTION TIME: 1358

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0179BGPS Coordinates: Trimble [✓] Instrument #: 018595 Logged? Y or NAliquot #1: Latitude: 33.54608969 N Longitude 86.79270054 WMedia description: Dark brown Black Silty clay w/ large gravel dryAliquot #2 Latitude: 33.54620114 N Longitude 86.79273398 WMedia description: Dark brown Silty clay dryAliquot #3: Latitude: 33.54613946 N Longitude 86.79272274 WMedia description: Dark brown Silty clay dryAliquot #4: Latitude: 33.54620933 N Longitude 86.79266236 WMedia description: Dark brown Silty clay dryAliquot #5: Latitude: 33.54610591 N Longitude 86.79263943 WMedia description: Dark brown Silty clay dry

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV0705

DATE: 12/12/12 ARRIVAL TIME: 1415

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

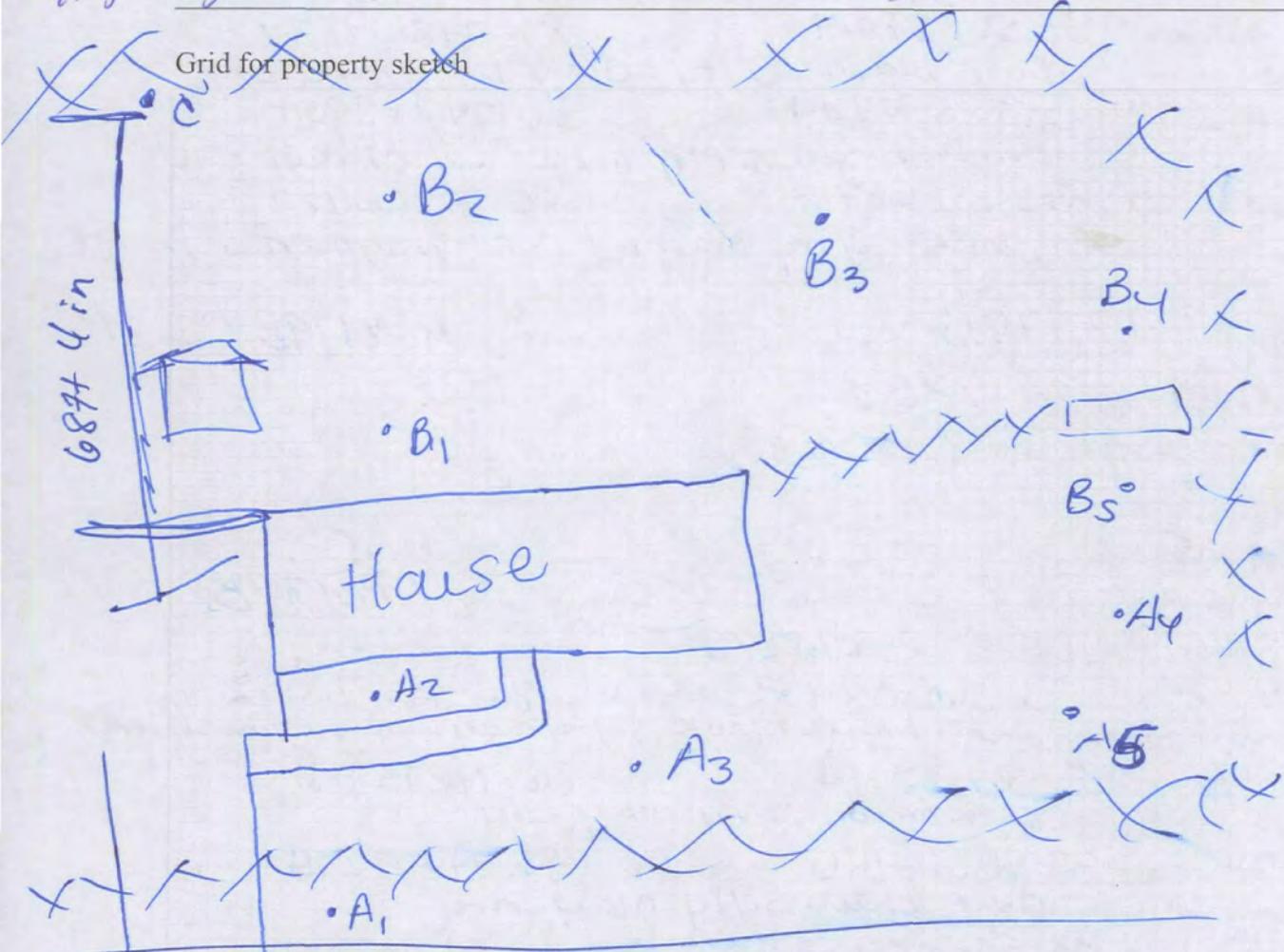
Resident Home

(b) (6)

present

Teff Crowley present

High ground (possible former river bank)



(b) (6)

STATION ID: CV0705A

SAMPLE ID: CV0705A-CS-SP

SAMPLE COLLECTION TIME: 1435

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front + Side Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 018595 Logged? Y or N

Aliquot #1: Latitude: 33.56586812 N Longitude 86.79274867 W

Media description: Dark brown silty clay dry

Aliquot #2 Latitude: 33.56590943 N Longitude 86.79274713 W

Media description: Dark brown silty clay dry

Aliquot #3: Latitude: 33.56588014 N Longitude 86.79269859 W

Media description: Dark brown silty clay dry

Aliquot #4: Latitude: 33.56590464 N Longitude 86.79265909 W

Media description: Sandy silt black dry

Aliquot #5: Latitude: 33.56586892 N Longitude 86.79266122 W

Media description: Dark brown silty clay dry

STATION ID: CV0705B

SAMPLE ID: DV0705B-CS-SP

SAMPLE COLLECTION TIME: 1446

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back + Side Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0705B

GPS Coordinates: Trimble [✓] Instrument #: 018595 Logged? Y or N

Aliquot #1: Latitude: 33.56608969 N Longitude 86.79270054 W

Media description: All brown silty clay dry

Aliquot #2 Latitude: 33.56620114 N Longitude 86.79273398 W

Media description: Same as above

Aliquot #3: Latitude: 33.56613946 N Longitude 86.79272274 W

Media description: Same as above

Aliquot #4: Latitude: 33.56620933 N Longitude 86.79266236 W

Media description: Same as above

Aliquot #5: Latitude: 33.56610591 N Longitude 86.79263943 W

Media description: Same as above

ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_

Grid for property sketch

See page 36

BB  
12/12

BB 2/12/12  
STATION ID: # CV070SC

SAMPLE ID: CV070SC-G5

SAMPLE COLLECTION TIME: 1456

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Note near possible abandoned rail line OSC Crowley  
Collection: Composite or Grab MS/MSD? Y or N requests to add PCBs to analytic list.

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: 018595	Logged? Y or N
Aliquot #1: Latitude: 33.56055305	N Longitude 86.80183643 W
Media description: Dark Brown silty clay w/ gravel	
Aliquot #2 Latitude:	N Longitude
Media description:	
Aliquot #3: Latitude:	N Longitude
Media description:	
Aliquot #4: Latitude:	N Longitude
Media description:	
Aliquot #5: Latitude:	N Longitude
Media description:	

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: Ed

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:	
GPS Coordinates: Trimble [ ] Instrument #: _____	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description:	
Aliquot #2 Latitude: _____	N Longitude _____ W
Media description:	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description:	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description:	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description:	

**(b) (6)**

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV0703

DATE: 12/12/12 ARRIVAL TIME: 1500

Other pertinent information (weather conditions, etc.):

50°F Fair

PROPERTY COMMENTS:

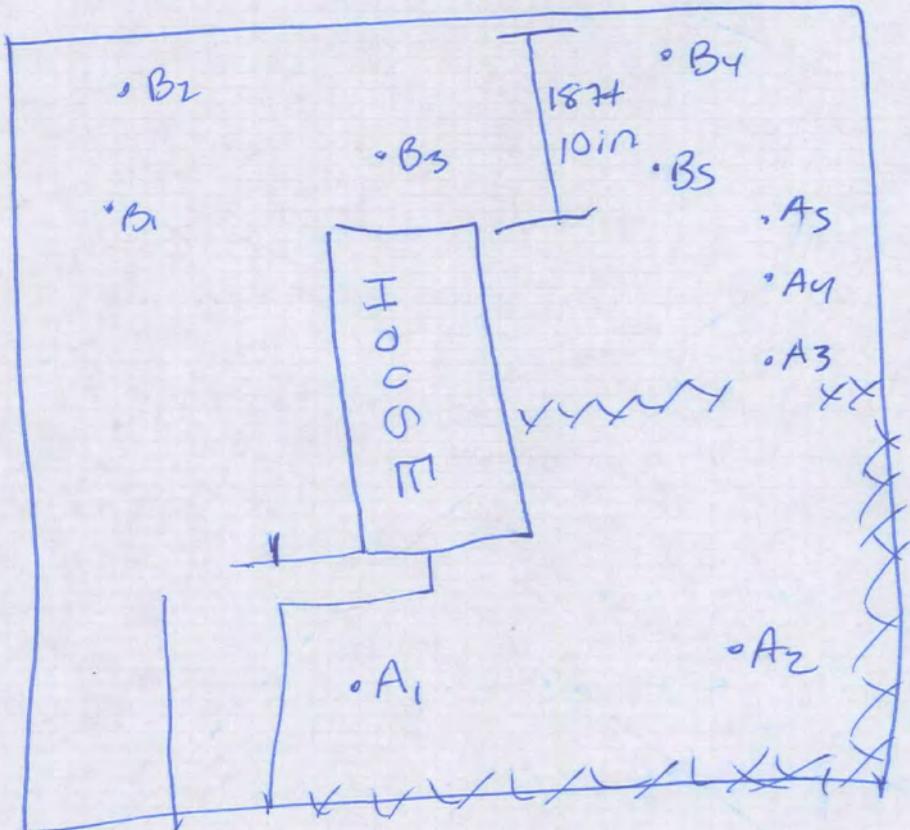
Resident Home

**(b) (6)**

+

Jeff Crowley present

Grid for property sketch



STATION ID: CV0703A

SAMPLE ID: CV0703A-CS-SP

SAMPLE COLLECTION TIME: 1516

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front + side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0703A

GPS Coordinates: Trimble [✓] Instrument #: 018595 Logged? Y or N

Aliquot #1: Latitude: 33.56026806 N Longitude 86.80158592 W

Media description: Dark brown silty clay

Aliquot #2 Latitude: 33.56030532 N Longitude 86.80154765 W

Media description: Dark brown silty clay

Aliquot #3: Latitude: 33.56036029 N Longitude 86.80159431 W

Media description: Dark brown silty clay

Aliquot #4: Latitude: 33.56040039 N Longitude 86.80164649 W

Media description: Dark brown silty clay

Aliquot #5: Latitude: 33.56043211 N Longitude 86.80169949 W

Media description: Dark brown silty clay w/ gravel

STATION ID: CV0703B

SAMPLE ID: CV0703B-CS-SP

SAMPLE COLLECTION TIME: 1518

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0703B

GPS Coordinates: Trimble [✓] Instrument #: 018595 Logged? Y or N

Aliquot #1: Latitude: 33.56042738 N Longitude 86.80188990 W

Media description: Dark brown silt dry

Aliquot #2 Latitude: 33.56046186 N Longitude 86.80192216 W

Media description: Dark brown silt dry

Aliquot #3: Latitude: 33.56048120 N Longitude 86.80185578 W

Media description: Dark brown silt dry

Aliquot #4: Latitude: 33.56081341 N Longitude 86.80182794 W

Media description: Dark brown Silt dry

Aliquot #5: Latitude: 33.56048874 N Longitude 86.80178755 W

Media description: Dark brown silt dry

The remaining pages in this logbook are blank and have not been scanned.